

Gimble Parameters		Performance Parameters	
Three-axis frame attitude stabilization		Body length	2.5m
Strong structural rigidity, suitable for high vibration environment		Wingspan	3.8m
The azimuth axis rotates 360 degrees continuously and is suitable for all kinds of aircraft		Maximum take-off weight	50kg
optical zoom	30x	Maximum payload	15kg
Camera type	FCB- EV7520	Battery life	2h@15kg Payload, 4h@10kg Payload
I/R Camera	35 mm lens , 640,480 resolution	Flight radius	200-400km
Clear imaging at night and in low light environments		Maximum control distance	Ground station control 50km
video stream	Real-time 1080 P HD	Maximum speed	130km/h
Built-in tracking module		Cruising speed	100-120km/h
storage	SD card	Maximum oil load	12L
communication interface	RS232 or RS422	Ceiling	4000m
remote control interface	Futaba S.BUS	Maximum wind resistance	12m/s(Level 6 wind)
Maximum angular velocity	°120/ s	Use environment	-10°C+45°C; Prevent light rain
Maximum angular acceleration	120°/ s^2	Lift/lower power battery	4*14000mAh-6S lithium battery
Axis Stability Accuracy	0.01°	Transport size	1.6*0.7*0.6m (Length*width*height)
Angle position accuracy	0.1°		
Angular position resolution	0.022°		

